## **Preface**

The 2002 IEEE Pacific Rim Conference on Multimedia (PCM 2002) is the third annual conference on cutting-edge multimedia technologies and was held at Tsing Hua University, Hsinchu, Taiwan, December 16–18, 2002. Hsinchu City, located about 70 km to the south of Taipei, is known as Taiwan's Silicon Valley, where hundreds of successful hi-tech companies, two major national universities, several research centers, and the Industrial Technology Research Institute (ITRI) are clustered to form and reinforce the "Science-Based Industrial Park." The conference complemented this wonderful setting by providing a forum for presenting and exploring technological and artistic advancements in multimedia. Technical issues, theory and practice, and artistic and consumer innovations brought together researchers, artists, developers, educators, performers, and practitioners of multimedia from the Pacific Rim and around the world.

The technical program featured a comprehensive program including keynote speeches, tutorials, special sessions, regular paper presentations, and technical demonstrations. We received 224 papers and accepted 154 of them. We acknowledge the great contribution from all of our committee members and paper reviewers who devoted their time to reviewing submitted papers and providing valuable comments for the authors.

PCM 2002 could never have been successful without the support and assistance of several institutions and many people. We sincerely appreciate the support of the National Science Council and the Ministry of Education of Taiwans, ROC. The financial sponsorships from the Institute of Applied Science & Engineering Research of Academia Sinica, Sunplus Technology Co., Ltd., the Institute for Information Industry, Chunghwa Telecom Laboratories, AIPTEK International, Inc., the MOE Program for Promoting Academic Excellence of Universities, and Opto-Electronics & Systems Lab/ITRI are also gratefully acknowledged. Our sincere gratitude goes to our advisory committee chairs: Prof. Sun-Yuan Kung of Princeton University, Dr. Bor-Shenn Jeng of CHT Labs of Taiwan, and Prof. H.Y. Mark Liao of Academia Sinica of Taiwan. Deep thanks go to the IEEE Signal Processing Society and the Circuits and Systems Society for technical co-sponsorship.

December 2002

Yung-Chang Chen Long-Wen Chang Chiou-Ting Hsu



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